

**CHEMICAL OXYGEN DEMAND
HACH 8000 (DOC316.53.01099)**

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Facility Name: _____ VELAP ID: _____

Assessor Name: _____ Analyst Name: _____ Inspection Date: _____

Relevant Aspect of Standards**Method
Reference****Y****N****N/A****Comments**

Records Examined: SOP Number/ Revision/ Date _____ Analyst: _____

Sample ID: _____ Date of Sample Preparation: _____ Date of Analysis: _____

1. Were samples preserved with sulfuric acid to pH<2 and analyzed within 28 days?

Pg. 5

2. Were samples well-homogenized prior to aliquoting?

Pg. 2

3. Was the COD reactor preheated to 150°C?

Pg. 2

4. Were the appropriate ranges of HACH COD Digestion Reagent Vials used?
0.7 to 40 mg/L = Ultra Low Range
3 to 150 mg/L = Low Range
20 to 1,500 mg/L = High Range
200 to 15,000 mg/L = High Range Plus

Pg. 2, Pg. 10

5. Were 2.00 mL aliquots of samples pipetted into reagent vials? (If using High Range Plus vials, 0.20 mL of sample is added.)

Pg. 3

6. Were reagent vials inverted gently several times to mix, prior to being placed on the COD Reactor?

Pg. 3

7. Were vials heated at 150°C for two hours?

Pg. 3

8. Were the samples cooled and then inverted several times?

Pg. 3

9. Were vials cooled to room temperature prior to reading?

Pg. 3

10. Were vials cleaned prior to inserting into the colorimeter?

Pg. 4

11. If using High Range Plus vials, were results multiplied by a factor of 10?

Pg. 4

Notes/Comments: